Translation of capped-5'+3' UTR-Luciferase RNA in the presence of competitor RNAs

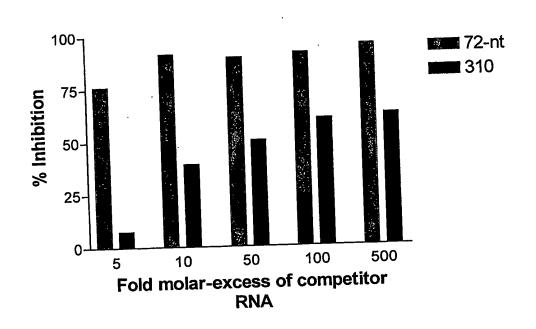
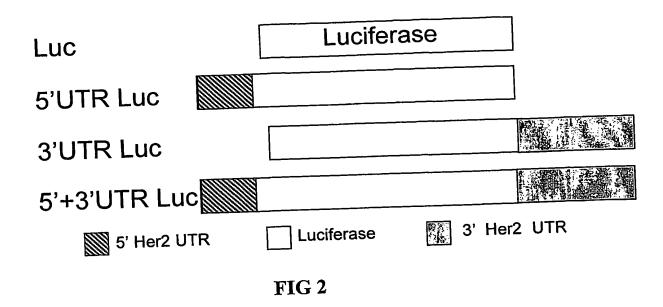


FIG 1



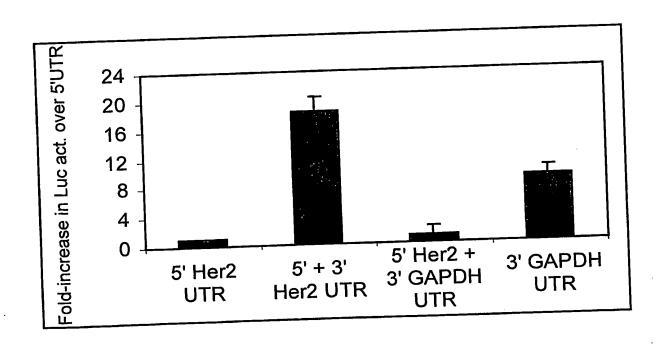


FIG 3

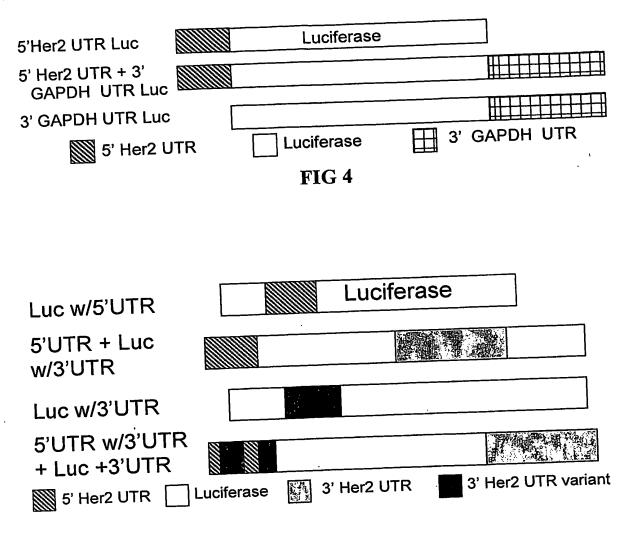


FIG 5

			Fold increase over 5'UTR + Luc
5'UTR + Luc + 3'UTR 1-540		SEO ID NO: 23	16 ± 0.4
5'UTR + Luc + 3'UTR 1-468		SEQ ID NO: 24	1.3 ± 1.0
5'UTR + Luc + 3'UTR 1-410		SEQ ID NO: 25	2 ± 0.5
5'UTR + Luc + 3'UTR 1-310		SEQ ID NO: 26	2.1 ± 0.7
5'UTR + Luc + 3'UTR 1-210		SEQ ID NO: 27	1.1 ± 0.9
5'UTR + Luc + 3'UTR 1-110		SEO ID NO: 28	1.0 ± 0.5
5'UTR + Luc			1.0
5' her2 UT	R Luciferase	3' her2 UTR variant	

FIG 6

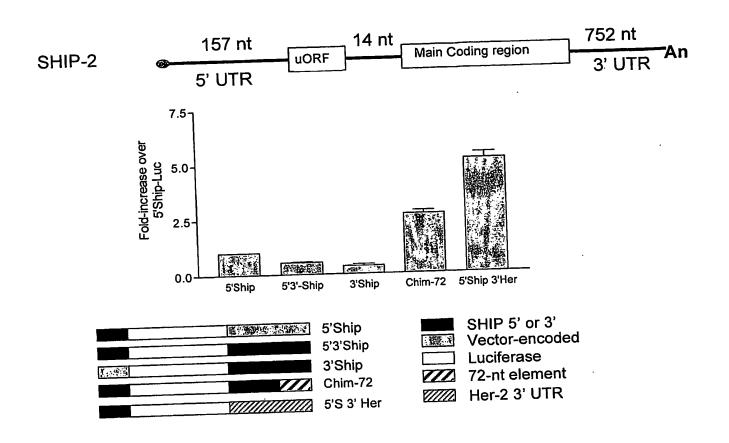
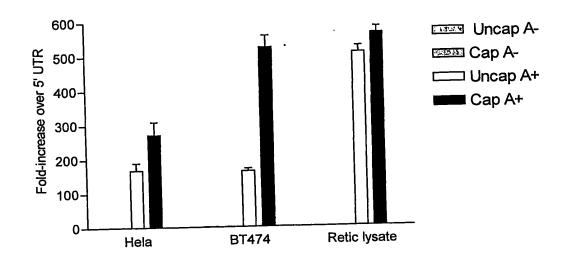


FIG 7

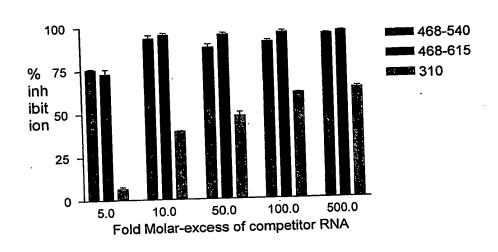


Hela		BT474		Retic Lysate	
		Average	SD	Average	SD
		0.48	0.17	0.125	
		0.37	0.16	0.04	
		163.6	14.5	507.1	34.2
			60.1	563.50	33.76
	Average 0.21 0.18 167.8 270.9	0.21 0.04 0.18 0.09 167.8 35.9	Average SD Average 0.21 0.04 0.48 0.18 0.09 0.37 167.8 35.9 163.6	Average SD Average SD 0.21 0.04 0.48 0.17 0.18 0.09 0.37 0.16 167.8 35.9 163.6 14.5	Average SD Average SD Average 0.21 0.04 0.48 0.17 0.125 0.18 0.09 0.37 0.16 0.04 167.8 35.9 163.6 14.5 507.1

FIG 8

A.

Translation of Cap-5H3H-LUC in the presence of competitor RNAs



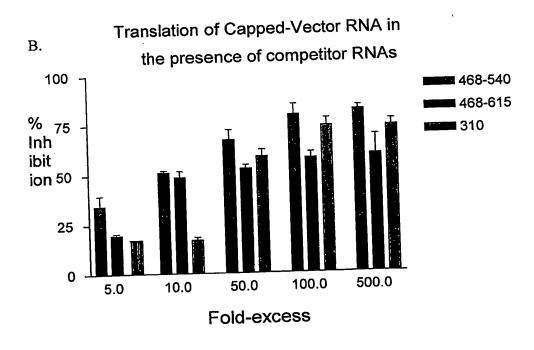
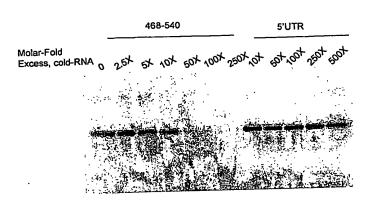


FIG 9

A.

Del (410-615)
Del (488-615)
Del (490-615)
Del (500-615)
Del (500-615)
Del (510-615)
Del (520-615)
Del (540-615)
Del (540-615)
Del (540-615)

В.



C.

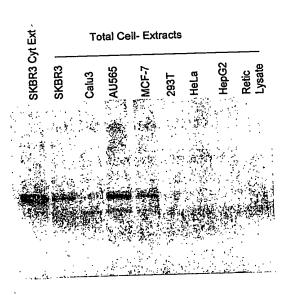


FIG 10